



*H. G. G. G. G.*

THE  
ENGLISH LEPIDOPTERA:  
OR, THE  
AURELIAN'S POCKET COMPANION:

CONTAINING  
A CATALOGUE OF UPWARD OF FOUR HUNDRED  
MOTHS AND BUTTERFLIES,  
THE FOOD OF THEIR RESPECTIVE CATERPILLARS,  
THE TIME OF CHANGING INTO CHRYSALIS,  
AND APPEARANCE IN THE WINGED STATE:

ALSO,  
THE PLACES WHERE THEY FREQUENT AND  
ARE USUALLY FOUND;  
WITH A CONCISE DESCRIPTION OF EACH, AND  
THEIR DIMENSIONS.

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# T A B L E

O F

*TERMS used in the DESCRIPTION of the various Parts of the BUTTERFLY, refering to the Plate, wherein they are accurately delineated.*

- |                                   |   |
|-----------------------------------|---|
| <b>a</b> <b>H</b> E A D.          | <b>j</b> Lower Corners of the superior Wings. |
| <b>b</b> Eyes.                    | <b>t</b> Outer Corners of the inferior ditto. |
| <b>c</b> Palpi.                   | <b>u</b> Abdominal Edges                      |
| <b>d</b> Knobs of the Antennae.   | <b>w</b> Anus.                                |
| <b>e</b> Threads of the Antennae. | <b>x</b> Ocelli.                              |
| <b>f</b> Tongue.                  | <b>y</b> Bar, Band or Garter.                 |
| <b>g</b> Thorax.                  |   |
| <b>h</b> Shoulders.               |   |
| <b>i</b> Scutulum or Escutcheon.  | <b>A</b> Superior Wing angulated.             |
| <b>k</b> Abdomen with its Anuli.  | <b>B</b> Superior Wing, smooth or even edged. |
| <b>l</b> Tips or Apices.          | <b>C</b> Inferior Wing scalloped.             |
| <b>m</b> Sector Edge.             | <b>D</b> Inferior Wing indented.              |
| <b>n</b> Fringes.                 |   |
| <b>o</b> Sector.                  |   |
| <b>p</b> Abdominal Groove.        |   |
| <b>q</b> Tails.                   |   |
| <b>r</b> Abdominal Corners.       |   |

*The*

*The Interior Parts of the Superior Wing described.*

The Parts coloured *Green*, are the FAN-TENDONS and MEMBRANES, marked in Numerical Order; viz. 1st, 2d, 3d, &c.

PAPILIONES have only five of these MEMBRANES, and six TENDONS.

The Parts coloured with *Pale Crimson*, are the TABLES.

The *Pale Blue*, shews the SECTORS.

Shoulder MEMBRANE—*Yellow*.

Slip MEMBRANE—*Pale Orange*.

Long MEMBRANE—*Pale Indian Ink*.

The Parts coloured *Purple*, are the SECTOR TENDONS and MEMBRANES, and it is in this Part of the Wing only, wherein one GENUS differs from another.

The Grand Tendons are coloured deep Red, and are three in Number; viz.

- |                     |                  |
|---------------------|------------------|
| 7 Long Tendon,      | } Grand Tendons. |
| 8 Principal Tendon, |                  |
| 9 Shoulder Tendon,  |                  |
| 10 Table Tendon.    |                  |
| 11 Slip Edge.       |                  |
| 12 Bar Tendon.      |                  |

*Interior Parts of the Inferior Wing described.*

*Green*, shews the FAN-TENDONS and MEMBRANES, which are the same in Number as in the Superior Wings.

*Pale Crimson*, shews the TABLE MEMBRANE,

*Blue*. The SECTOR.

*Yellow*.

## *A TABLE of TERMS.*

- Yellow. TABLE MEMBRANE, or BENT ditto.  
Pale Indian Ink. LONG MEMBRANE.  
Pale Orange. ACCUTE MEMBRANE.  
Deep Red. GRAND TENDONS, three in Number; viz.  
15 POSTERIOR TENDON, }  
16 TABLE TENDON, } Grand Tendons.  
17 BENT or FEMORAL  
TENDON, }  
18 Spur; this Part answers to that little instrument in  
the Phalæna, called Spring.  
13 Abdominal Tendon.  
14 Long Tendon.

It is worthy to be remarked, that although the several Parts of the Inferior Wings greatly correspond with the respective Parts of the Superior, yet here are no Parts answerable to the Sector Tendons and Membranes, and which are distinguished with Purple in the Superior; but Providence seems to have supplied that Deficiency, if I may call it one, by adding another on the opposite Edge of the Wing, called THE ABDOMINAL MEMBRANE, and is coloured Purple.

## P R E F A C E.

THE usefulness of the following little work will be obvious at first view, to any one who has the slightest acquaintance with this part of Natural History: The author found it so necessary, that he always carried a copy of it in his pocket ever since he began to collect the different species of the LEPIDOPTERA.

What is now offered to the Publick has been revised and properly arranged, so that it is truly a compendium and repository of every new discovery of the author's researches for almost these thirty years diligent application.

It is divided into eight columns:

The *First* contains a Catalogue of the English Names of MOTHS and BUTTERFLIES, which are ranged in alphabetical order for the more easy finding any subject enquired for.

The *Second* shews what the Insects feed upon in the Caterpillar state.

The

The *Third*, the times of the transformation into the Chrysalis.

The *Fourth*, the times when it appears in the winged state, and the length of time it has lain in Chrysalis.

In the *Fifth* is precisely set down how much the Fly measures, or expands, from the tip of one wing to the tip of the other, in inches and parts of an inch.

The *Sixth* points out the places where the insects frequent, or are commonly found, in the winged state.

The *seventh* is a short description of the upper side of the wings, intended to assist the memory of the reader, and that he may the better distinguish one from another: It is therefore hoped, the brevity of the descriptions will be excused, as the nature of this work could not admit of descriptions more particular and full, as it is only meant to give an idea of each, and in what they differ from one another,

In the *Eighth* column are the *Linnean* Names,  
with

with the number annexed to each insect as it is numerically placed in that author, in his twelfth edition,

It is necessary to acquaint the reader, that where the particular day of the month is set down in the third and fourth columns, it is not there meant that the insect is exact to that particular day as to its transformation, or appearance in the winged state, but must be understood to be as near as possible about the time; and that the insect remains as long in the Chrysalis state as the difference between the days of the month set down in each column.—As for example: The *Admirable*, the second insect in the Catalogue, is mentioned as changing into Chrysalis the 10th of July, and coming forth in the flying state the 1st of August; this is to signify, that the beginning, or first part of July is about the time for the generality of that species to change into Chrysalis; and the Caterpillar, which happens to change on the 10th of July, will come forth in the winged state on the first of August, as they always remain three weeks in the Chrysalis state.

It must also be observed, that of some of the



*Lepidoptera* there are two or three broods in a Summer, consequently the separate times of the several broods must be noted, as well of their transformation into the Chrysalis, as their appearance in the winged state. Here I was under the necessity of setting down two or three different months in one column. For the better understanding of which, we will give the *Speckled wood*, 49, as an example: In the third column is placed *Mar. May, July*, and in the fourth *April, June, Aug.* here is meant, that the Caterpillars which change into Chrysalis in March appear in the fly in April; the Caterpillars from this brood change in May and appear in June; and again the Caterpillars proceeding from second brood, change into Chrysalis in July, and come forth in the flying state in August.

I have also given an alphabetical List of *Linnean* Names to as many of the English species as I could find in that author; or as many as I was certain agreed with those of the English insects, for there are a great number of which I was doubtful, and chose not to admit them for fear of making mistakes. This List refers to the English one, where the history of the insect inquired after may be found.

I had once determined to give necessary and full directions to the young beginner relative to the collecting, breeding, and managing the various species, in their several states ; but as that has been industriously treated on by others, I shall content myself with setting down some rules and remarks founded on my own experience, and which are very necessary to be known, as they will prevent accidents, and such as the collector would not perhaps know how to account for.

And *first*, Let not the boxes which are taken in the pocket for Caterpillars, nor the cages made for breeding insects be made of deal or fir, except they be well lined with paper ; for the effluvia of the turpentine, raised by the heat of the pocket, or that of the sun, is extremely prejudicial to them, and seldom fails to destroy the greatest part of the Caterpillars contained therein for any length of time. The cause of the deaths of the Caterpillars, found at the bottoms of cages, or pocket boxes, is generally attributed to bruises got in beating the trees for them at the time of collecting them, which is a great mistake, as those which happen to be injured in beating, seldom die till the time of changing their

their skin, or of their transformation, and will nevertheless eat heartily till either of these times approach. If the inside of the cages or boxes be well lined with paper, as aforesaid, and air holes made in the sides and tops, covered with crape, or canvass, &c. to admit the air, it will in a very great measure prevent the above ill effects.

*2dly*, It is needless to go out to collect insects if the weather is cool, or much wind stirring, as at such times almost all kinds of insects conceal themselves, dreading the wind as much as they dislike the cold. Many fruitless journies have been made even in the midst of summer on this account. A warm and damp air, such as generally comes after rain, is what almost all sorts of Insects are fond of, in every state; and it is mostly for this reason they fly so near the earth at such times, that they may enjoy the humidity which arise in steams from the ground. In hot and dry days it is common to observe the Butterflies settle in numbers on the mud in ditches; and I have often seen above twenty so close together as to be contained within the circumference of a small hoop; by which it is found that heat with moisture best agrees with their nature.

But

But the *Garden White* is as good a token for fine weather as may be ; when these flies are out in a morning, it seldom or ever happens but a fine day ensues. This fly is also called the *Tally* for the *Swallowtail*, which appears from the Chrysalis at the same times of the year, as may be seen by the Catalogue.

3dly, In the preservation of the Chrysalides during the winter, be sure to keep them in cold and moist places, as in a cellar or out house, otherwise the greatest part of them will be killed, especially those whose nature it is to change in the earth, as they cannot bear to be kept warm and dry, which is apt to exhale the nutritive moisture from them, hardens their shell, and weakens the insects so much, that at the time when they should appear in their flying state, they have not strength left sufficient to burst open the Chrysalis and come forth of their confinement ; in this case the miserable animal must die, as many have done, occasioned entirely by this mismanagement of them.

4thly, When any of the *Lepidoptera* are extended on the setting board beneath the card  
braces,

braces, let them remain in that situation, till not only the aqueous moisture be evaporated, but the oily and saline particles, which will in a great measure fly off also, otherways the consequence will be bad : viz. the wings will not only start from their natural position, but the bodies with the *antenna* will grow mouldy when in the cabinet, or repository ; and what is of worse consequence, they will breed millions of *Animalcule* which will infallibly destroy them, except some remedy is applied. I would therefore advise they may be kept in some dry place open to the air, and where they may be free from dust for a considerable length of time before they are placed in the cabinet.

5thly, If at any time the insects, in a cabinet or box where they are placed for preservation, should appear as if growing mouldy, or be infested with small *Animalcule*, which is known by a kind of dust seen beneath the abdomen ; in this case the smoke of tobacco is the only effectual remedy, which must be blown through the small end of a pipe admitted through a hole made for that purpose at the back part of the drawer or box, this not only corrects the putrid  
and

and stagnant air, but destroys those formidable enemies which often destroy whole cabinets of Insects: this will preserve them for twelve-months, when it will be necessary to act the same part over again. It may be feared and objected that the smoke may in some measure damage the insects, but a little experience will plainly evince the contrary.

## A TABLE

## PAPILIO.

ENGLISH Names.

	Food of the caterpillar	Change into the chrysalis	Appears in the winged state.	Expands Inches
1 <b>A</b> dmirable, white	-	-	June 20	2 $\frac{3}{4}$
X 2 Admirable	nettles	July 10	Aug. 1.	2 $\frac{1}{2}$
3 Blue, azure	grafs	-	May 10	1 $\frac{1}{4}$
4 Blue, common	grafs	May	June 1	1
5 Blue, argus	grafs	June	July 9	1 $\frac{1}{2}$
6 Blue, clifden	-	June 1	June 20	1 $\frac{1}{4}$
7 Blue, chalkhill	-	June 1	July 13	1 $\frac{1}{4}$
8 Blue, silverstudded	grafs	May	June 20	1
9 Brimstone	buckthorn	May	June 22	2 $\frac{3}{4}$
X 10 Brown, meadow	grafs	May 12	June 4	2 $\frac{1}{4}$
11 Bramble or green fly	bramble	July	May 1	1 $\frac{1}{4}$
12 Comma	hops, nettles	Jan. 18, Aug	June 30 Sept	2 $\frac{1}{4}$
13 Copper	grafs	-	June Aug	1
14 Emperor, purple	fallow	May 25	June 29	3

Usual haunts in the winged state	Upper side described	LINNEAN Names.
1 Woods -	Black, with white bars	Camilla 187
2 Lanes -	Black, with red bars	Attalanta 175
3 Woods -	Blue, tips black	Argiolus 234
4 Long grafs -	Blue, fringes white	
5 Long grafs -	Blue, mixt brown	
6 Commons near Clifden	Pale blue	
7 Commons near woods	Pale blue	
8 Commons -	Blue, fringes white	
9 Meadows -	Yellow, red spot in the middle	Rhamni 106
10 Meadows -	Brown, small ring near the tip	Jurtina 155
11 Woods -	Brown, green on the under side	Rubi 237
12 Meadows -	Orange, with black spots	C. album 168
13 Meadows -	Shining copper spotted with black	Virgaurea 253
14 Woods -	Purple with white bars	Iris 161



ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
15 Fritillaria, silver wash	-	May 31	June 20	3
16 Fritillaria, high brown	violets	May 20	June 12	$2\frac{3}{4}$
17 Fritillaria, dark green	-	May 20	June 10	$2\frac{3}{4}$
18 Fritillaria, pearl border	-	April 30	May 11	$2\frac{1}{2}$
19 Fritillaria, pearl border likeness	-	June 4	June 18	$2\frac{1}{4}$
20 Fritillaria, greasely	devils bitt	April 17	May 1	$2\frac{1}{2}$
21 Fritillaria, Queen of Spain	-	April	May 10	$2\frac{1}{2}$
22 Fritillaria, Glanville	long plantain	April 15	May 15	$2\frac{1}{4}$
23 Fritillaria, duke of Burgundy	-	May 12	May 28	1
24 Fritillaria, small pearl border	heath	May 12	May 28	2
25 Grayline	grafs	June 30	July 20	$2\frac{1}{2}$
26 Gristle	-	April	May 11	1
27 Keeper, large gate	grafs	June	July 12	2
X 28 Keeper, small gate	grafs	April 5	April 29	1

Haunts in the winged state	Upper side described	LINNEAN Names.
15 Woods -	Yellow brown streaked and spotted with black	Paphia 209
16 Woods -	Orange brown, with black spots	Adippe 212
17 Woods -	Orange brown spotted with black	Aglaza 211
18 Woods -	Orange spotted with black	Euphrosyne 241
19 Heaths near woods	Checker'd black and orange	Maturna 204
20 Woods and meadows	Orange and yellow checker'd with black	
21 Gamling Gay wood near Cambridge	Orange brown spotted with black	Lathonia 213
22 Meadows -	Orange brown spotted with black	Cinxia 205
23 Woods -	Brown spotted with black	Lucina 203
24 Woods -	Orange brown spotted with black	
25 Meadows and woods	Dark brown with small circle at tips	Semele 148
26 Woods -	Dark brown with spots of white	
27 Hedges -	Orange brown small ring on the tips	Megera 142
28 Meadows -	Yellow with ring on each tip	Pamphilus 239

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
29 Lady, painted	nettles, thistles & docks	July 20	Aug. 1.	2 $\frac{3}{4}$
X 30 Lady of the woods <i>or Orange Tip</i>	wild cole	July 25	May 6	1 $\frac{3}{4}$
X 31 Peacock -	nettles	July 7	July 28	3
X 32 Ringlett -	grafs	June 1	June 20	2
X 33 Tortoiseshell, large	elm tree	June 21	July 12	3
X 34 Tortoiseshell, small	nettles	Aug. 16 June 3	Aug. 30 June 17	2
35 Skipper, large	-	May 5 June 5	May 25 July 25	1 $\frac{1}{2}$
36 Skipper, small	-	June 25	July 17	1
37 Skipper, dingey	-	April	May 6	1 $\frac{1}{4}$
38 Skipper, pearl	-	-	Aug. 25	1 $\frac{1}{2}$
39 Streak, brown hair -	buckthorn	July 1	Aug. 1	1 $\frac{1}{2}$
40 Streak, purple hair	oak	June 6	July 17	1 $\frac{1}{4}$
X 41 Surprise, grand	willow	July 8	July 28	3 $\frac{1}{4}$
42 Streak, hair dark	-	-	Aug. 1	1 $\frac{1}{4}$

Haunts in the winged state.	Upper side described	LINNEAN Names.
29 Furzes and teazles	Orange and carnation cloud- ed with black, 5 white spots at each tip	Cardui 157
30 Hedge fides -	White, superior wings tip'd with orange	Cardamines 85
31 Lanes and hedge fides	Dark red brown, large eye like spot on each wing	Io 131
32 Woods and hedge fides	Brown small rings on each wing	Hyperantus 127
33 Lanes -	Orange brown, 3 large black spots on the sector edge	Polychloros 166
34 Banks -	Red orange, 3 black spots on sector edge of each wing	Urticæ 167
35 Woods -	Yellow orange spotted with brown	Comma 256
36 Woods -	Yellow orange with a streak of black in the middle	
37 Woods, heaths, and Meadows	Dark brown having a light- ish bar cross the superior wings	Tages 268
38 Swampy ground on briars, Hanwell heath near Ealing	-	
39 Hedges	Brown with an orange spot on each superior wing	Betulæ 220
40 Bushes	Black with blue spot near the body	Quercus 222
41 Willows	Dark brown with a broad yellow border <i>blue spots</i>	Antiopa 165
42 Hedges	-	

## ENGLISH Names.

	Food of the caterpillar	Change into chrysalis	Appears in the winged state	Expands Inches
43 Tail, swallow	wild fennel and carrots	Sep. 23 July 15	May 15 Aug. 10	3 $\frac{1}{4}$
X 44 White, large garden	cabbage	Sep. 23 July 15	May 15 Aug. 10	2 $\frac{3}{4}$
45 White, small garden	cabbage	Sep. 23 July 15	May 15 Aug. 10	1 $\frac{3}{4}$
46 White, black veined	white thorn	May 16	June 6	2 $\frac{1}{2}$
X 47 White, green veined	cabbage	Sep.	May 11	1 $\frac{3}{4}$
48 White, wood	-	Octob. July	May 6 Aug. 6	1 $\frac{1}{2}$
49 Wood, speckled	grafs	Mar. May July	April June Aug.	2
X 50 White, marbled	grafs	May	June 6	2
51 Wall -	grafs	May 2 July 2	June 2 Aug. 2	2 $\frac{1}{4}$
52 Yellow, clouded	-	July	Aug. 7	2 $\frac{1}{4}$
53 Yellow, pale clouded	-	July	Aug. 9	2 $\frac{1}{4}$

Haunts in the winged state.	Upper side described	LINNEAN Names
43 Meadows, Bristol and Westram	Yellow spotted with black. Two tails.	Machaon 33
44 Gardens -	White, two black spots and black tips.	Brassicæ 75
45 Gardens -	White, with two round black spots on superior wing with black tips.	Rapæ, 76
46 Cornfields -	White, tendons black.	Crategi, 72
47 Gardens -	White, with two black spots and black tips.	Napi, 77
48 Woods -	White, grey tips.	
49 Woods in lanes	Brown, spotted with cream colour.	Ægeria, 143
50 Meadows -	White, checker'd with black	Galathea, 147
51 Walls and banks	Clay colour, clouded with brown, a ring at the tip.	Mæra, 141
52 Meadows -	Yellow orange, bordered with black clouds.	Hyale. 100
53 Meadows -	Pale yellow, bordered with black clouds.	

## P H A L Æ N A.

ENGLISH Names.

	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
54 <b>A</b> Rches, buff	oak & white thorn	June 29	July 29	1 $\frac{3}{4}$
55 Arches black	oak	June 9.	July 9	3
56 Arches dark	cabbage	May	July	2
57 Arches red	oak	June 1.	July 1	1 $\frac{1}{4}$
58 Antler -	-	-	-	
59 Arches grey	-	May 15	June 15	1
60 Arrach wild	arrach	Aug. 28	Sep.	1 $\frac{1}{4}$
61 Argus buff	white thorn	April	May	1
62 Apple-tree moth	apples	Sep.	May	$\frac{5}{8}$
63 Arratch, July	arrach	Sep. 12	July	1 $\frac{1}{2}$
64 Argent and fable	white thorn	May 6	June 6	1 $\frac{1}{2}$
65 Broad bar, shaded	heath	-	May	1 $\frac{1}{8}$
66 Brown, light work	heath	-	July	1
67 Beauty, minor	fruit trees	June	July	1

Haunts in the winged state	Upper side described	LINNEAN Names.
54 Woods	Dark buff, with small arched markings.	Monicha 43
55 Woods	White, with strong black arch like markings, tail red.	
56 Gardens	Dark brown, with black arched markings.	
57 Woods	Orange red, with black arched lines.	
58		
59 Woods		
60 Fields	Buff colour waved with undulated bars	Antriplicis 173
61 Lanes	Buff colour, speckled with brown specks	
62 Orchards	Brown, marbled with black	Pomonilla 401
63 Fields	Pale orange, with undulated black and brown bars.	
64 Lanes	White, beautifully checker'd and spotted with black.	
65 Heaths	Grey, having a broad dark bar.	
66 Heaths	Brown, prettily marbled with white.	
67 Orchards	Light brown, mottled with dark brown,	



ENGLISH Names.	Food of the caterpillar	Change into the chrysalis	Appears in the winged state.	Expands Inches
68 Back, large diamond	-	April	May 18	$\frac{3}{4}$
69 Back, small diamond	-	April	May 18	$\frac{1}{2}$
70 Back diamond likeness	-	April	May	$\frac{3}{8}$
71 Barr, broad	oak	-	June	$\frac{1}{4}$
72 Barr, Oak	oak	May	June	1
73 Bar, scallap wing broad	oaks	-	Aug. 10	$1\frac{3}{4}$
74 Bar, tripple	oak	-	May 26	$1\frac{1}{2}$
75 Bar, purple	-	-	June 5	
76 Bar, dun	oak	May 27	Aug. 10	$1\frac{1}{4}$
77 Beauty, brindled	lime, and lalach	June 30	April 7	2
78 Beauty, oak	lime, oak, elm	May 26	Mar. 5	$2\frac{1}{2}$
79 Beauty, pale oak	oak	Octob.	May 7	2
80 Beauty, hornsey	black thorn	-	Aug. 20 June 2	$1\frac{1}{2}$
81 Beauty, mottled	black thorn	May 10	June, 12	

Haunts in the winged state.	Upper side described	LINNEAN Names.
68 Gardens	Dark brown, having two yellow spots and two bright silvery lines	
69 Gardens	Black, with three yellow spots on each superior wing.	
70 Gardens	Black, with one yellow spot, under wings yellow.	
71 Woods	Brown, having a broad dark bar.	
72 Woods	Brown, having three dark bars.	
73 Woods	Wings much indented, and of a light brown, having a broad dark bar, with a round small ring in the centre of the wing.	
74 Woods	Grey, having three double bars cross the wing	
75	-	
76 Woods	Light brown, broad bar cross the middle, underwings black.	
77 Gardens against pales	Yellow brown, and brindled having bars crossing the wings.	
78 Woods	White freckled with black, having two brown bars crossing each wing.	
79 Woods	Pale brown, handsomely vein'd with dark brown.	
80 Lanes	Wings, having a succession of bars of grey, brown and orange.	
81 Lanes	Light brown, beautifully mottled with dark brown.	

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
82 Beauty, Clifden	white thorn	June	July	1 <sup>1</sup> / <sub>2</sub>
83 Beauty, willow	willow	June 10	Aug. 10	2
84 Beauty, Richmond	black and white thorn,	May 5	June 5	1 <sup>1</sup> / <sub>2</sub>
85 Bell,	elm	-	May 28	1
86 Bird, humming	ladies bed- straw	Aug.	April May	2 <sup>1</sup> / <sub>7</sub>
87 Bird, clear winged humming sphinx	willowwood	-	May 1	2
88 Bird, small clear wing- ed humming sphinx	-	-	Aug. 22	1 <sup>1</sup> / <sub>2</sub>
89 Bird, least clear winged humming sphinx	currantbush stalks	-	May 29	1
90 Bishop	lime moss	-	-	1
91 Blossom, peach	raspberry leaves	June	July 16	1 <sup>1</sup> / <sub>2</sub>
92 Blossom, pease	-	June	July	1
93 Beauty, pale spotted	-	-	June	1
94 Blush, maiden	oak	-	May	1
95 Border, blue	white thorn	-	May	1 <sup>1</sup> / <sub>2</sub>

Usual haunts in the winged state	Upper side described	LINNEAN Names.
82 Lanes -	Silver white, a large brown cloud on the sector edge, the same edge hath a broad border of brown, with a white square spot in middle.	
83 On the barks of willows	Of a pale greenish brown, beautifully tabied with undulating bars.	
84 Hedges -	Wings angulated, of a pale yellow orange, and hath broad brown bars.	Syringaria 206
85 Barks of elms	Greyish brown, near the tips is tinged with red brown.	
86 Gardens on flowers	Wings superior brown, the inferior orange, the anus tufted.	Stellatarum Sphinx 27
87 Gardens on flowers	Wings transparent, with a broad brown border, and broad yellow ring round the abdomen.	Fuciformis Sphinx 28
88 Seen on a flower in Norwood	Wings transparent, anus tufted.	
89 On the leaves of the currant	Wings transparent, anus tufted.	Culiceformis 30
90 Against walls or sometimes trees	Lightish grey marbled with black.	
91 -	Dark brown, having five large rose colour'd spots.	
92 -		Delphinii 188
93 Woods -	Pale white, with pale clouds.	
94 Woods -	Buff, with a blush of pink in the middle of the wing.	
95 Lanes -	White, triangular spot in the middle, and a border of blue grey.	

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state	Expands Inches
96 Border, clouded	oak	May 26	June 26	1 $\frac{1}{4}$
97 Border, laced	oak	-	May 12 July 6	1 $\frac{1}{4}$
98 Brafs, burnished	archangel	July 20 May 5	Aug. 1 June 6	1 $\frac{1}{2}$
99 Brafs burnished likenefs	-	-	June	2
100 Beauty, small brindled	oak	Aug.	April	1
101 Beauty, pale brindled	lime, elm	-	Feb. 21	
102 Bar, grey scallaped	heaths	-	May	1 $\frac{1}{4}$
103 Brindled	haffe, oak	June 14	April	1
104 Border, Effex broad	-	-	-	
105 Buff, clouded	grafs	-	June 5	2
106 Buff, waved	-	April	May	
107 Buff waved likenefs	-	-	-	
X 108 Burnet, sphinx	hay, grafs	May 11	June 2	1 $\frac{1}{2}$
109 Burnet, companion	grafs	April	May 20	1 $\frac{1}{4}$

Haunts in the winged state.	Upper side described	LINNEAN Names.
96 Woods	White, bordered with large black clouds.	Chryfitis 126
97 Woods	White, having a broad bar down the middle, border like lace.	
98 Meadows	Wings partly brown shining like polish'd brags.	
99 Meadows	Brown having a large square spot shining like brags	
100 Woods	Brown prettily brindled.	Quadra 114
101		
102 Heaths	Grey, with two occult bars or broken lines which cross them.	
103 Woods	Dirty buff freckled with brown.	
104		Filipendlæ 34
105 Southgate warren	Golden yellow, red fringe and two large spots on wings.	
106 Hedges		
107 Lanes		
108 Meadows	Shining green, <sup>or 5</sup> six spots of scarlet, inferiors scarlet. <i>edged w. the blackish green</i>	
109 Fields	Brown clouded, inferior yellow vein'd with brown.	

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
110 Bar, gray broad -	-	-	May	1 $\frac{1}{2}$
111 Brindled, pale -	-	-	Mar. 5	1 $\frac{1}{4}$
112 Betony, water -	water betony	July	April 20	1 $\frac{1}{4}$
113 Betony, water likness	cabbage	July	Aug	1 $\frac{1}{4}$
114 Beauty, boltons -	-	May	June	1 $\frac{1}{2}$
115 Blush, double bar'd	-	-	May	1 $\frac{1}{4}$
116 Buff-lined, beautiful	heath	-	May	1
117 Codling -	codling	July	June	$\frac{3}{4}$
118 Chivern'd, broad -	-	May	June	1 $\frac{1}{2}$
119 Carpet -	-	-	July 17	1 $\frac{1}{2}$
120 Carpet, Clifden -	-	-	July	1 $\frac{1}{4}$
121 Carpet, clouded -	white thorn	-	May	1 $\frac{1}{4}$
122 Carpet, cloaked -	black thorn	-	May	1 $\frac{1}{4}$
123 Carpet, green -	white thorn	-	May	

Haunts in the winged state.	Upper side described	LINNEAN Names.
110 Heaths -	Grey, with a broad brownish bar; inferior pale.	
111 Woods -		
112 Bank sides -	Brown, with a dark streak of brown on slip edge.	Verbasci 153
113 Gardens -	Dark buff colour streaked with deep brown.	
114 Hedges -	Grey, full of neat undulated bars; one in middle broad.	
115 Hedges -		
116 Heaths in Yorkshire	Buff colour veined with neat bars of brown.	
117 Orchards -	Fine brown marbled with a darker colour.	
118 Lanes -	Pale brown, with broad chivern like bars of dark brown.	
119 Woods -	White, with broad bars of dark brown.	
120 Lanes -		
121 Lanes -	White, with clouded bars of brown.	
122 Lanes -	White, half the wing toward the thorax dark brown.	
123 -	Dark green bared with brown.	



ENGLISH Names	Food of the caterpillar	Change into the chrysalis	Appears in the winged state.	Expands Inches
124 Carpet, Hornsey -	oak	-	Aug.	$1\frac{1}{4}$
125 Character, Hebrew	elm	Sep. 20	Mar. 13	$1\frac{1}{2}$
126 Crimfon and gold	nettles	-	May 12	$\frac{3}{4}$
127 Crown -	-	-	-	-
128 Cyper -	-	-	Feb. 18	$1\frac{1}{4}$
129 Carpet, bar'd -	-	-	-	$1\frac{1}{2}$
130 Dagger, dark -	willow	-	Aug.	$1\frac{1}{2}$
131 Dagger, March -	oak	Sept	Mar. 10	$1\frac{1}{4}$
132 Dagger, gray -	willow, and fruit trees	Sep.	May 27	$1\frac{1}{4}$
133 Dagger, gray liknefs	oak	May 26	June 26	$1\frac{1}{4}$
134 Da jour, marvel -	oak	May 26	July	$1\frac{3}{4}$
135 Da jour, marvel liknefs -	oak	-	-	1
136 Da jour, mavel companion	oak	-	-	$1\frac{1}{4}$
137 Da jour, scarce marvel	birch	-	May	$1\frac{1}{2}$

Haunts in the winged state	Upper side described	LINNEAN Names,
124 Lanes near Hornsey	Bar'd with brown, between is orange colour.	
125 Near elms -	Dark brown, with a strong black mark in the middle of the wing, or crooked spot.	
126 About nettles	Crimson spotted with gold colour; inferior black with yellow bar.	
127 Lanes -		
128 Banks -		
129 Lanes -	White, having three broad bars of brown.	
130 Willow bark	Dark gray, with some marks in the wing like daggers.	
131 Bark of trees in woods	Light brown, full of short lines, which are all parallel with the front or sector edge.	
132 Bark of willows	Light gray, with strong marks on the wing resembling daggers.	Pfi 135
133 Woods -	This moth has a faint appearance of the above markings.	
134 Woods -	Of a light blue green, with marks of white, all over marked with crooked black marks.	
135 Woods -	This appears a little like the above.	
136 Woods -	Of an olive green, brindled with dark browns.	
137 Woods -	This is rather less than the Marvel da jour, but much stronger in the markings.	

ENGLISH Names,	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands in Inches
138 Da jour, scarce mavel	white thorn	-	May 20	1 $\frac{1}{2}$
139 Ditto, dark -	elm	-	Ap. 15	1
140 Ditto, pale -	white thorn	April	May	1
141 Dock -	dock	-	-	1 $\frac{1}{2}$
142 Dot -	nettles	Sep. 4	May 30	1 $\frac{3}{4}$
143 December -	white thorn	Nov.	Dec.	1 $\frac{1}{8}$
X 144 Drinker -	grafs under hedges	May 27	June 27	3
145 Dismal -	willow bark	-	June	1 $\frac{1}{2}$
146 Dingy dot -	-	-	-	1
147 Eye, white line brown	marigolds	Aug. 14	May 20	1 $\frac{1}{4}$
148 Ear -	-	-	-	1 $\frac{1}{4}$
149 Egg, goose -	white thorn	April	May	1
150 Egger, large -	white thorn	June 21	July 18	3
151 Egger, small -	black thorn	June 16	Mar. 23	1 $\frac{1}{2}$

Usual haunts in the winged state	Upper side described	LINNEAN Names.
138 Hedges in lanes	White, broad dark bar cross the wing, a border of the same, and shoulder covered with brown.	
139 Gardens -	Like the above in its markings, but is less, and almost black.	
140 Grass in meadows	Marked as the above, but the bars are of a pale brown.	
141 Near rubbish mounts		
142 Bank sides -	Almost black, having a white dot in the middle of the wing.	
143 Hedge in lanes -	Dark brown, with very faint markings.	Populi 34
144 Lanes -	Female, of strong buff colour, with a white spot in the middle of the wing. Male almost red.	Potatoria 23
145 Willow bark -	Of a plain shining dark brown, inferior wings light.	
146 -	Of a dingy brown, having a black spot in middle of the superior wing.	
147 Gardens -	Brown, having an undulated white line near the fan edge.	Oleracea 171
148 Gardens -	Brown, having a strong mark in the middle like the human ear.	
149 Woods -	White, having some clouds in the middle of the wing as if scorched.	
150 Lanes near woods	Yellow buff colour, with a white spot in the middle.	Quercus 25
151 Lanes	Nearly black, having two light bars; anus tufted.	Lanestris 28

## ENGLISH Names.

	Food of the caterpillar	Change into chrysalis	Appears in the winged state	Expands Inche <sup>s</sup>
152 Egger, liknefs -	nettles	-	June	1 $\frac{1}{4}$
153 Egger, snout liknefs	nettles	May 9	June 3	1 $\frac{1}{4}$
154 Egger, oak	oak	Octob.	May 15	1
155 Egger, grafs	trefoil	May 12	Aug. 20	2 $\frac{1}{2}$
156 Eight, figure of -	crabtree	June	Aug. 9	1 $\frac{1}{4}$
157 Elephant, large, sph.	ladies bed- ftraw	Aug. 2.	May 23	2 $\frac{1}{2}$
158 Elephant, small, sph.	"	Aug.	May 27	1 $\frac{1}{2}$
159 Elephant, spotted, sp.	meadows	Aug.	May 27	2 $\frac{1}{2}$
160 Ermine, large -	elder	Sept.	May 15	1 $\frac{3}{4}$
× 161 Emerald, large -	birch and broom	June 15	July 6	2 $\frac{1}{4}$
162 Emerald, small -	white thorn	-	"	1 $\frac{3}{4}$
163 Emperor, -	black thorn, willow	July 8	Ap. 15	3 $\frac{1}{4}$
164 Ermine, small -	white thorn	June 10	July 10	2 $\frac{1}{8}$
165 Ermine, cream -	elder	Aug. 18	May 15	1 $\frac{1}{2}$

Habits in the winged state.	Upper side described	LINNEAN Names
152 Lanes -	Umber colour, having a broad brown bar crossing the middle.	
153 Hedges -	Marked like the foregoing.	
154 Woods -	Brown, with two bars cross the wing.	
155 Meadows -	Yellow brown, two light bars cross the middle of the wing.	
156 Orchards -	Dark brown, with a mark like a double figure of eight in the middle.	Cæruleoce- phala 59
157 Rotherhith marshes	Superior wings olive bordered with rose colour: inferiors rose colour.	Elpenor 17
158 Meadows—Osterly wood near Brentford	This is marked like the above.	Porcellus 18
159 Meadows -	Superior wings of a rose colour, with dark olive spots: the inferior are rose colour.	Euphorbia 19
160 Pales in gardens	Wings narrow, and white, and are full of small black spots.	
161 Woods -	Pea green, having a white bar near the end of the wing.	Papilionaria 225
162 Hedges -	Pea green, with two bars cross the wing.	
163 Osier grounds -	Gray with red bars, having a large eye like spot in middle of each wing.	Pavonia 7
164 Whitethorn hedges	Gray, full of small black specks.	Padella 351
165 Garden pales -	Cream colour, full of black specks.	

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state	Expands Inches
166 Ermine, thistle -	thistles	Aug.	May	$1\frac{1}{4}$
167 Ermine, seven spot	-	-	-	$1\frac{3}{4}$
168 Ermine, water -	ladies bed- straw	Aug.	May	$1\frac{3}{4}$
169 Ermine, distaff -	fruit trees	June 10	July 10	1
170 Eye, dark line brown	pot herbs	Aug.	May	$1\frac{1}{2}$
171 Ear, shaded -	-	-	July	$1\frac{1}{2}$
172 Fern -	fern	-	-	-
173 Flyer, high -	fallow	-	-	$1\frac{1}{2}$
174 Flyer, July high	fallow	June 4	July 4	$1\frac{3}{4}$
175 Flyer, July high lik- ness -	oak	Sept.	May	$1\frac{1}{2}$
176 Footed, fan -	black thorn	-	-	$1\frac{1}{4}$
177 Favourite, or broom moth -	chickweed	Sept.	May 28	$1\frac{1}{2}$
178 Fox -	bramble	April	May	$1\frac{1}{2}$
179 Fringe, dark -	-	-	June	$1\frac{1}{4}$

Usual haunts in the winged state	Upper side described	LINNEAN Names.
166 Banks of thistles -	White, full of black specks	
167 Yorkshire -	White, having seven black specks on each superior wing.	
168 Rotherhith or marshes	White, having two black specks.	
169 Orchards -	White, full of black specks	Evonymella 350
170 Gardens -	Brown, light brown spot in middle of wing, and a black line or bar near the outer edge.	
171 Gardens -	Brown, having a dark spot in the middle like a human ear.	
172 Heaths -		
173 Near woods -	Olive green, having a number of interrupted crooked bars crossing them.	
174 Near woods -	Fine brown, full of undulated bars, both broad and narrow, of chocolate colour.	
175 Lanes -	See the description of the July high flyer.	
176 Lanes -	Pale umber, having three lines crossing the wing, and two long feathers protruding from the breast.	
177 Meadows -	Red brown, with broken bars of a cream colour, particularly one near the fan edge.	Pifi 172
178 Near woods -	Male red brown, white spot in middle, and a light bar near the fan edge.	Rubi 21
179 Lanes -	Narrow wings of dark lead colour; fringes broad.	



ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
180 Forrester, sphinx	forrel	May 3	May 27	1 $\frac{1}{4}$
181 Fringe, gold	oak	June 1	Aug.	1 $\frac{3}{4}$
182 Furbelow	gardens	-	Aug	1 $\frac{1}{4}$
183 Furbelow, pale	-	-	-	1 $\frac{3}{4}$
184 Footman	-	-	-	1 $\frac{1}{4}$
185 Freckled	pot herbs	Aug	Sep. 20	1 $\frac{3}{4}$
186 Gentlewoman, old	cabbage	July 8	June 13	1 $\frac{1}{2}$
187 Gentlewoman, small old	herb mercury	June	Aug.	1 $\frac{1}{4}$
188 Grey, dappled	-	-	-	1 $\frac{1}{4}$
189 Green, pea	oak	May 29	June 20	$\frac{3}{4}$
X 190 Ghost	roots of burdock	May 5	June 5	2 $\frac{1}{2}$
191 Glory, Ealings	white thorn	May 23	Sep.	1 $\frac{3}{4}$
192 Glory, Kentish	-	-	April	2 $\frac{1}{2}$
193 Goat	willowwood	May 25	June 25	3 $\frac{1}{2}$

Haunts in the winged state.	Upper side described	LINNEAN Names.
180 Meadows -	Intirely of green, shining like satin.	Statice 47.
181 Meadows -	Crimson, two gold spots on sector edge; fringe gold colour.	
182 -	Pale brown, with dashes of dark brown, all parallel to the sector edge.	
183 -	Like the foregoing, but paler.	
184 Lanes.	Dark lead colour, bordered round with cream colour.	
185 Gardens -	Grey freckled with brown.	
186 Gardens -	Brown freckled with black, a white mark like an ear in middle of wing, and a broken bar near the edge.	Brassicæ 163
187 Banks, ditches -	This is like the above, but less and paler.	
188 Gardens -	Gray dappled and freckled with brown, like the Freckled but much less.	
189 Oak trees -	Green; inferiors light brown.	Viridana 286
190 Church yards -	Male like white satin: female golden yellow, with red marks and spots.	Humuli 84
191 Hedges at Ealing -	Brown, variegated with shades of green, with some marks like daggers.	Oxyacanthæ 165
192 Woods	Light brown, with dark triangular spots.	Versicolora 32
193 Willow bark -	Gray, full of small black veins and streaks, like net work or any thing full of cracks.	Coffus 63

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
194 Grafs, fword -	fword grafs	Aug.	May	2 $\frac{1}{2}$
195 Gothic -	roots of net-tles	May 5	June 5	1 $\frac{1}{2}$
196 Gothic, dark -	water betony	May 15	June 23	1 $\frac{3}{4}$
197 Grafs, knot -	knot grafs	Aug.	May	1 $\frac{1}{4}$
198 Green, cream border'd pea -	willow	May	June	$\frac{3}{4}$
199 Ground, filver -	white thorn	April	May 21	1 $\frac{1}{2}$
200 Gipfey -	fruit trees	July 11	July 31	2
201 Ground, beautiful chefnut -	-	June	July	1 $\frac{3}{4}$
202 Hawk, eyed, fphinx	willow and apple trees	July & Aug.	June 6	3 $\frac{3}{4}$
203 Hawk, privet, fphinx	privet hed-ges	Aug.	June 7	4 $\frac{1}{2}$
204 Hawk, poplar, fphinx	poplar and willow	Sep. 15	May 6	3 $\frac{1}{2}$
205 Hawk, unicorn, fph.	bindweed	June	Sept.	4 $\frac{3}{4}$
206 Hawk, bee tyger	jeffamine, potatoes, green elder	Sept.	July 22	5
207 Hawk, lime, fphinx	lime tree	Sept.	May 24	3

Haunts in the winged state	Upper side described	LINNEAN Names.
194 Marshes	Light brown, dashed with dark brown shades parallel to the sector edge, dark brown spots in middle.	Exfoleta 151
195 Banks	Dark brown, with a number of light lines crossing each other; some appear like arches.	
196 Banks	This is similar to the above but handsomer.	
197 Dunghills	Gray brown, brindled and variegated with a variety of brown shades.	
198 Willows	Green, bordered on the sector edge with yellow.	
199 Whitethorn hedges	White, having an irregular brown bar cross the middle, which is generally divided at bottom.	
200	Grayish brown, having arched black marks.	Dispar 44
201 Yorkshire	Dark or chocolate colour towards the thorax; rest a light brown; a yellow spot in the middle.	
202 Willows	Between buff and pink colour, with shades of fine brown: inferior rose colour, with spots like eyes.	Ocellata, sph. I
203 Privet hedges	Superior brown, spot like a dagger in middle: inferior rose colour, with two bars of black.	Ligustri, sph. 8
204 Bark of poplar and willows	Olive tendons, light brown inferior, red next the abdomen.	Populi, sph. 2
205 Fields where bindweed grows	Like the Privet, but the inferior wings gray, two bars of black.	Convolvuli, sphinx, 6
206 Potatoe fields	Superior brown; inferior yellow bared with black.	Atropos, sph. 9
207 Lime tree bark	Superior brown; two triangular spots of olive; tips white.	Tiliæ, sph. 3

ENGLISH Names	Food of the caterpillar	Change into the chrysalis	Appears in the winged state.	Expands Inches
208 Heath, scarce -	heaths	May	June	1 $\frac{1}{4}$
209 Heart -	oak	Oct. 2	May	1 $\frac{1}{2}$
210 Heart and dart -	grafs	May	June	1 $\frac{3}{4}$
211 Heath, brown -	-	-	May	1 $\frac{1}{4}$
212 Heath, pale -	-	-	May 16	1 $\frac{1}{4}$
213 Herald -	willow, and fallow	Sep. 4	Oct. 2	2 $\frac{1}{4}$
214 Half mourner -	oak	May 26	Aug. 20	2 $\frac{1}{4}$
215 Horn, Jappan long	oak	-	April	$\frac{3}{4}$
216 Horn, golden long	oak	-	May 11	$\frac{3}{4}$
217 Hornet -	poplarwood	May 20	July 12	2
218 Honor, maid of	oak	May	June 2	1 $\frac{1}{4}$
219 Housewife, cross bar'd	-	-	-	1 $\frac{1}{2}$
220 Housewife, small green	white thorn	May 26	June 26	$\frac{1}{4}$
221 Housewife, large green	white thorn	May	June 26	1 $\frac{1}{4}$

Haunts in the winged state.	Upper side described	LINNEAN Names,
208 Heaths -	Yellow, full of black lines, which divide the wing into square white spots.	Oo, sphinx 81
209 Woods -	Pale buff, variegated with redish brown, having two round spots like rings in the middle.	
210 Delight to be about pales -	Dark brown, with a spot in the middle like a heart, having a black streak by it.	
211 Heaths -	Yellow, brindled all over with redish brown.	
212 Chalk pits by Charlton -	Like the former but paler.	
213 Dark parts of houses	Redish brown, with a neat double white bar crosses the wing, and a white speck in the middle.	Libatrix, sph. 78.
214 Woods -	Gray brown, having three double bars crossing them.	
215 Woods -	Black, shining like gold; the horns three inches long and white.	
216 Woods -	Yellow intire.	
217 Against the bodies of poplar -	Wings transparent and yellow; brown ring round the abdomen, which is yellow.	Apiformis, sphinx 29
218 Oak of honor by Peckham -	Green totally, with brown spots at the corners of the wings.	
219 Lanes -	Yellowish green.	
220 Lanes and hedges	Fine green, two white lines cross the superior wing.	Viridata 230
221 Hedges of whitethorn	This is like the above, but the fringes are spotted.	Vernaria 195

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
222 Housewife, small pale	white thorn and oak	April	May	$\frac{1}{4}$
223 Horn, green golden	oak	Sep.	Ap. 23	$\frac{1}{2}$
224 Inlaid -	-	-	May	$1\frac{1}{2}$
225 Jappan, large -	oak	-	May 12	$\frac{3}{4}$
226 Jappan, small -	oak	-	May 12	$\frac{1}{2}$
227 Ingrailed -	-	-	June	
228 Inside, burnished -	-	-	June	
229 Knot, true lovers -	-	-	June	$1\frac{1}{4}$
230 Lace, Bruffels -	lime, moss and oak	June 1	June 22	$1\frac{1}{2}$
231 Lady, Old -	-	July	Aug. 10	$2\frac{1}{4}$
232 Lackey -	black thorn, brier	July 1.	Aug.	$1\frac{1}{4}$
233 Lackey, likenefs -	-	-	-	$1\frac{1}{4}$
234 Lappet -	white thorn, black thorn	May	July	3
235 Lappet, pine tree	pine tree	May	July	$2\frac{1}{4}$

Haunts in the winged state	Upper side described	LINNEAN Names.
222 Hedges in lanes -	Like the former, but smaller, and of a very pale green.	Complana 115
223 Woods -	Of a greenish golden colour.	
224 Lanes near woods	Brown, edged round with yellow.	
225 Woods -	Of a golden jappan colour; horns short.	
226 Woods -	Golden jappan colour; antenna short.	
227 Woods -		Maura 124
228 Lanes -		
229 Gardens -	Brown, having a mark in the middle like what is termed a True Lover's Knot.	Neustria 35
230 Woods, on bark of trees -	Grayish, covered over with marks like lace work.	
231 Old houses, or under bridges -	Dark footy brown, mark like a grave brocade, the tendons appear of a light brown.	Quercifolia 18
232 Lanes near woods	Fox colour, two cream coloured bars on the superior wing.	
233 -	Similar to the above, but more upon the olive.	Pini 24
234 Lanes near woods	Dark red brown, wings broad and indented, having two indented bars like lines.	
235 -	Dark red brown, like the former, but less, and more upon the buff colour.	



## ENGLISH Names.

		Food of the caterpillar	Change into the chrysalis	Appears in the winged state.	Expands Inches
236	Likenefs, small fword grafs -	-	-	-	1
237	L. Moth -	goosberry bush	May 21	June 9	$1\frac{1}{4}$
238	Leopard wood -	within the bodies of ash in nurseries	May 28	June 28	$2\frac{3}{4}$
239	Lines, silver -	-	-	-	$1\frac{1}{4}$
240	Lines, triple -	oak	-	Aug	$1\frac{1}{2}$
241	Lines, brown silver	white thorn	April 1	May 1	$1\frac{1}{2}$
242	Lines, green silver	oak	Sep. 28	May 19	$1\frac{1}{2}$
243	Lines, scarce silver	fallow	June 6	June 26	2
244	Line, brown bright	-	-	-	$1\frac{3}{4}$
245	Magpie, clouded	elms	April	May	2
X 246	Magpie, large -	currant bush	June 19	July 25	2
247	Magpie, small -	nettles	May 15	June 2	$1\frac{1}{2}$
X 248	Magpie, small likenefs <i>rather of pearl Bark</i>	nettles	June 26	July 10	$1\frac{3}{4}$
249	Mark, China rush	rushes	-	-	1

Usual haunts in the winged state	Upper side described	LINNEAN Names.
236 Ditches near marshes	Of a grayish brown, with mark on the sector edge like the letter L.	
237 Gardens -	Of a grayish brown, having a mark on the middle of the wing like the letter L.	Wavaria 219
238 Woods -	White, full of round dark green spots like small shot	Æsculi 83
239 Woods -		
240 Woods -	Brown olive, having three black lines crossing the upper wing.	
241 Hedges -	Of a pale brown, having a whitish diagonal line on the superior wing.	
242 Woods -	Of a fine green, with three diagonal silverish bars in the superior wing.	Prafinana 285
243 Near woods -	Fine green, having two diagonal yellow lines on each superior wing.	
244 -		
245 Rows of elms -	White, and marked like the large Magpie, but very faintly, with two brown spots on the superior wing	
246 Gardens -	White, full of round black spots, which lay in double rows cross the wing, yellow between.	Grossulariata 242
247 Nettles -	Marked with rows of black spots, which join to each other, yellow between.	Urticata
248 Nettles -	Shining like pearl, - of a yellowish colour, faintly marked like the former.	Virticalis
249 Near ponds -	White marked with buff, inferior white marked with black,	

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state	Expands Inches
250 Mark, brown China	elder	-	-	$1\frac{1}{4}$
251 Mark, small white China	duckweed	April July	May 1 Aug. 1	$\frac{3}{4}$
252 Mark, small golden China	-	-	July	$\frac{3}{4}$
253 Mark, large golden China	-	-	June	1
254 Mark likenefs, dingy China	nettles	-	June	$1\frac{1}{4}$
255 Mottled crofs bar	-	-	-	
256 Magpie, dingy likenefs	-	-	-	1
257 Network, shaded	-	-	-	
258 Network, yellow	-	-	July	
259 November	oak	Octob.	Nov.	2
260 November likenefs	white thorn	Sept.	May	$1\frac{1}{2}$
261 Nonpareil Clifden	-	-	July	$3\frac{1}{4}$
262 Orange bar'd	oak	-	-	2
263 Orange	oak	Sept.	May	2

Haunts in the winged state.	Upper side described	LINNEAN Names.
250 Gardens -	Black, or dark brown, with round spots of white.	Lemnata
251 Ponds and ditches	Male white, having a pretty spotted border to the inferior wings; female rusty coloured.	
252 Gardens -	Of a golden colour marbled with brown.	
253 Gardens -	Like the former, but larger and fainter marked.	
254 Pales -	White, faintly marked like the Brown China Mark.	
255 -		
256 -	Of a dark dingey colour, and very faintly marked like the Magpie Likeness.	
257 -		
258 -	Yellow marked with brown like network.	
259 Woods -	Buff colour, having two brown lines on each superior wing.	
260 Lanes near woods	Marked like the November, but darker.	
261 Taken at Clifden, very scarce -	Superior wings gray marbled brown; inferior black having a blue broad band across the middle.	Fraxini 125
262 Woods -	Orange, having two lines across the wing.	
263 Woods -	Orange sometimes clouded with brown.	

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
264 Orange companion	oak	Sept.	May	$1\frac{1}{2}$
265 O Moth -	oak	-	May	$1\frac{3}{4}$
266 Orange, mottled	burdock stalks	July 15	Aug. 30	$1\frac{1}{2}$
267 Owl -	oak	Sept.	Octob.	
268 October -	oak	Sept	Octob.	$1\frac{3}{4}$
269 Panther -	oak	-	-	
270 Parsnip, cow -	cow parsnip	-	-	$1\frac{1}{4}$
271 Pebble -	birch, willows, osiers	July	Aug.	$1\frac{3}{4}$
272 Pepper'd -	elm, lime	Sept. 10	May 12	$2\frac{1}{4}$
273 Phœnix -	-	-	-	
274 Plumed, brown -	grafs	-	Aug.	
275 Pinion, white spotted	elm, inclosed in leaves	June 25	July 5	$1\frac{1}{4}$
276 Pinion, double spotted	-	-	May 8	$1\frac{1}{4}$
277 Pit, chalk -	-	-	July	$1\frac{1}{4}$

Haunts in the winged state.	Upper side described	LINNEAN Names.
264 Woods -		
265 Woods -	Brown, having a broad bar and a small ring in the middle; wings dentated.	
266 Burdocks -	Orange colour, like gravel and a brown border.	
267 Woods -		
268 Woods -	Brown with two dark lines cross the superior wing.	
269 -		
270 Lanes -		
271 Willow bark -	Brown, having a large oval spot of darker brown, in the middle.	Zeczac 61 Zigzag
272 Barks of trees -	White, and covered with black freckles as if pepper'd.	Betularia 217
273 -		
274 Woods -	Narrow winged, and brown	Pentadactyla 459
275 On elm trees in hanging wood	Fine brown, having three triangular cream colour spots on the sector edge.	
276 -	Brown, having two white spots on the sector edge.	
277 In chalk pits -		

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
278 Plumed, white -	nettles	June 5	June 19	$1\frac{1}{2}$
279 Plumed, gray -	-	-	Sept.	$1\frac{1}{4}$
× 280 Plumed, twenty -	-	July Sept.	Aug. May	$\frac{1}{2}$
281 Prominent -	-	Sept. 29	May	$1\frac{1}{2}$
282 Prominent, rusty -	willow	-	June	$1\frac{1}{2}$
283 Prominent, dark -	oak	-	June	$1\frac{1}{4}$
284 Prominent, pale -	-	Aug. 1	May 23	$1\frac{1}{4}$
285 Pufs, small, or Kitten	black thorn and willow	Aug.	May	$1\frac{1}{4}$
286 Pufs -	aspen and willow	Aug. 1	May 23	$3\frac{1}{4}$
287 Quaker -	garden stuff of various sorts	Aug.	Mar. 2	$1\frac{1}{4}$
288 Rose -	in the buds of roses	-	-	1
289 Red neck -	oak	-	June 10	$1\frac{1}{4}$
290 Renunculus -	renunculus	-	-	
291 Sallow -	fallow	June	Sept.	$1\frac{1}{4}$

## Haunts in the winged state

## Upper side described

## LINNEAN Names.

278 Among nettles -	White and narrow winged.	Didactyla 454
279 Garden pales -	Grey and narrow winged.	Tesseradactyla 456
280 House windows -	Brown and mottled, the wings like the sticks of a fan,	Hexadactyla 460
281 -	Has a small peice projecting, from the flip edge of inferior wing.	
282 Norwood -	Superior wings of a fox colour, inferior buff colour.	
283 Woods -	Dark brown, having some whitish markings.	Camelina 80
284 -	This is of a grey colour and pretty scarce.	
285 Lanes -	Marked like the pu fs.	
286 Barks of trees -	White, having a great number of black lines in the form of gothic arches, as if tabbied.	Vinula 29
287 Garden pales -	Of a plain brown colour, having a small ring in the middle, and a whitish line near the edge.	
288 Gardens -		Salicella 367
289 Woods -	Black, having a red colour and the lower end of the abdomen yellow.	Rubricollis 113
290 Gardens -		
291 Sallows -	Yellow with red spots.	Citrigo 189



ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state	Expands Inches
292 Sattin -	willow	June 20	July 15	2
293 Scollop'd oak -	oak	-	-	1 $\frac{1}{2}$
294 Seraphim -	-	-	-	
295 Shades, angled -	nettles	Ap. 24 May 12	June 1 Sep. 15	2 $\frac{1}{4}$
296 Shades, angled likeness -	-	June 14	July 14	
297 Shades, small angled, or Chevalier -	-	May 28	June 28	1 $\frac{1}{2}$
298 Shell, red -	oak	Sept.	March	
299 Shell, scollop'd -	oak	May	June 15	1 $\frac{1}{2}$
300 Shipton -	grafs	-	May 20	1 $\frac{1}{4}$
301 Shark -	-	May 25	June 25	2
302 Snout -	oak	-	June 12	1
303 Speck, lime -	African marigold	Aug. 20	June 20	1
304 Spot, white -	maple	April June	May 27 July 1	1
305 Spot, gold -	water grafs	July 20	Aug. 16	1 $\frac{1}{2}$

Usual haunts in the winged state	Upper side described	LINNEAN Names.
292 Willow bark	White like fatten, legs speckled with black.	Salicis 46
293 Woods -		
294 -		
295 Nettles -	Brown, and large triangular olive spots.	Meticulosa 132
296 -	Something familiar to the above.	
297 Pales	Brown, with a dark triangular spot or bar which crosseth the middle of the wing.	
298 Under oaks -		
299 Woods fides -	Pale brown, full of fine lines close and parallel to each.	
300 Meadows near woods	Superior brown, with white markings, inferior black with yellow dotted bars.	
301 - -	Grey having fine streaks along the wing parallel to each other.	
302 Woods -	Pale brown, having very long palpi.	
303 Gardens -	White, hath a broad border like lace, and a dark brown cloud in the middle of the wing.	
304 Woods -	Black having two white round spots in each wing.	
305 Ditches near marshes	Brown; having some marks on the wing like drops of gold.	Festuca 131

ENGLISH Names.	Food of the caterpillar	Change into the chrysalis	Appears in the winged state.	Expands Inches
306 Spectacle -	mint	Ap. 20	June 20	1 $\frac{1}{2}$
307 Straw bar'd, scollop'd	-	-	-	
308 Sparkling, gray -	oak, elm	-	June	$\frac{3}{4}$
309 Sparling, orange -	oak, elm	-	June	$\frac{3}{4}$
310 Straw, clouded -	oak	-	-	$\frac{3}{4}$
311 Stone, mocha -	white thorn	April	May 1	1
312 Stone, pale mocha	white thorn	-	-	1
313 Streak -	-	-	Oct. 6	
314 Streamer -	white thorn	-	Ap. 21	1
315 Stripe, white -	-	-	May	
316 Stripe, shoulder -	white thorn	-	May	
317 Stripe, yellow shoulder	white thorn	April	May 18	1
318 Stripe, cream dot	elder, fun-flower, &c.	Aug. 18	May 15	1 $\frac{3}{4}$
× 319 Sweeper, large chimney	brambles	-	June 23	1

Haunts in the winged state,	Upper side described	LINNEAN Names,
306 Gardens -	The part next the shoulder and the outer or fan edge light greenish brown, the middle dark clouded.	
307 -		
308 Gardens on the bodies of trees	Superior gray, with a br. cloud near the shoulder; fan membranes covered with a dark brown spot striped with gold.	
309 Ditto -	Wings superior orange, striped with silver; large dark cloud in middle, streak'd with white lines.	
310 -	Straw colour having an angular brown bar in the fan edge.	
311 Lanes -	White, having a scalloped broad bar across and small ring in the middle of the wing.	
312 Lanes -	Like the former, but pale.	
313 Firs and broom in the evening		
314 Lanes and hedges	White moth, having a bar of brown near the thorax and another waving like a narrow flag near the tip.	
315 Woods -		
316 Woods -		
317 Hedges and lanes -	Yellow, full of waved stripes of dark yellow.	
318 Gardens -	Cream colour, having lines of black dots.	Lubricipeda 69
319 Woods -	Black, with white tips.	Chærophylla- ta 237

ENGLISH Names,	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inche,
320 Sweeper, small chimney	-	-	July	$\frac{1}{2}$
321 Swallow -	-	May	June	2
322 Swift, large evening	roots of grafs	May	June	$2\frac{1}{2}$
323 Swift, common small	roots of grafs	May 1	May 10	$1\frac{1}{4}$
324 Swift, golden -	roots of grafs	May	June	$1\frac{1}{2}$
325 Sychamore -	fychamore	Sept	June 12	$1\frac{3}{4}$
326 Sychamore liknefs	willow	May	June	$1\frac{1}{2}$
327 Spider -	hazle, oak	Aug. 20	May 30	2
328 Tabby -	-	-	June	$1\frac{1}{2}$
X 329 Tail, brown -	white thorn and oak	June 30	July 23	$1\frac{3}{4}$
330 Tail, fringe -	-	-	-	-
331 Tail, yellow -	black thorn	June 10	July 20	$1\frac{1}{4}$
X 332 Tail, swallow -	white thorn,	May	June	$2\frac{1}{2}$
333 Teazle -	teazle	May 20	June 6	$\frac{3}{4}$

Haunts in the winged state.	Upper side described	LINNEAN Names
320 Woods	Black.	Aceris 137
321 Pales	Dead white, dashed with dark brown on the sector edge of the wing.	
322 Meadows	Brown, clouded with br. spots.	
323 Meadows	Brown, with whitish dots placed in stripes.	
324 Meadows	Orange brown, with dark spots; two bars meet in an angle at sector edge.	
325 Near fychamores	Gray prettily freckled with brown, with a mark like a dagger near the thorax.	
326 Willow bark	Gray, but no dagger like spot.	Sambucaria 203
327 Woods	Brown, variegated with dark brown.	
328 Stables	Brown, tinged with dark brown, and appears very glossy.	
329 Hedges and lanes	White, having a tuft at the tail brown.	
330		
331 Hedges	White, having a yellow tuft at the anus.	
332 Lanes	Of a brimstone colour, having two bars thro' all the wings.	
333 Lanes	Whitish brown, variegated with dark browns,	

ENGLISH Names,	Food of the caterpillar	Change into chrysalis	Appears in the winged state	Expands Inches
334 Tip, brads hook	-	-	June	$\frac{1}{3}$
335 Thorn -	white thorn	April	May	$1\frac{1}{2}$
X 336 Tipt, buff -	oak, ofiers	Sep. 15	May 31	$2\frac{3}{4}$
337 Tip, buft likeness	-	-	June	$\frac{3}{4}$
338 Tip, broom buft	broom	-	-	
339 Tip, chocolate	birch	Sept. 24	Mar. 19	$1\frac{5}{4}$
340 Tip, bar'd hook	oak	Sept.	May	$\frac{3}{4}$
341 Tip, brown hook	oak	Sept 20	May	$1\frac{3}{4}$
342 Tip, orange hook	lalach	-	-	$\frac{3}{4}$
343 Tip, pibble hook	oak	-	June	$1\frac{3}{4}$
344 Tip, purple hook	lalach	May	June	$\frac{3}{4}$
345 Tip, scallap hook	oak	May	June	$1\frac{1}{2}$
346 Tip, scorched hook	lalach	June	Aug.	$\frac{3}{4}$
347 Tuffock, nut-tree	hazle	Sep. 15	April 5	$1\frac{1}{2}$

Haunts in the winged state.	Upper side described	LINNEAN Names.
334 Woods -	Yellow buff, having few markings.	
335 Lanes and hedges	Pale orange, bar'd with brown.	Prunaria 208
336 -	Grave silver colour dashed with brown; a large spot on each tip, buff colour.	Bucephala 31
337 Lanes and houses		
338 Heaths -	Brown, having a large buff colour spot at the tip.	
339 Woods -	Brown, having a large spot at the tip of a chocolate colour.	Curtula 52
340 Woods -	Yellow brown, with three broad brown bars.	
341 Woods -	Yellow brown, having two large brown bars.	Lacertinaria
342 Gardens -	Orange colour, the edge of the wing as if scorched.	204
343 Belvidere -	Light brown, with a number of brown lines, and a black spot in the middle.	
344 Gardens -	Dark purple colour.	
345 Woods -		
346 Gardens -	Dark brown, the markings on the wings divided into small squares like brick work.	
347 Woods -	Grayish brown, having a broad bar in the middle, wherein is a round ring.	Coryli
		50



## ENGLISH Names.

Food of the  
caterpillarChange  
into  
chrysalisAppears  
in the  
winged  
state.Expands  
Inches

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
348 Triangle -	white thorn	April	May 2	1 $\frac{1}{4}$
349 Tuffock, dark	white thorn	Sep. 26 May 20	May 7 July 20	2
350 Tuffock, grey	oak	-	July 20	
351 Tuffock, orange, or scarce vapourer	hazle	May 27 Male 16	June 10	1 $\frac{1}{4}$
352 Tuffock, pale	oak	Sep. 12	Octob.	2 $\frac{1}{2}$
X 353 Tiger, cream spot	Chickweed	Ap. 29	May 29	2 $\frac{3}{4}$
X 354 Tiger, large	nettles	May 29	June 30	3
355 Tiger, ruby	ragwort	June	July	1 $\frac{1}{4}$
356 Tiger, scarlet	hounstongue & nettles	May 13	June 10	2 $\frac{1}{2}$
357 Tiger, small -	nettles, chickweed	Ap. 24	May 31	1 $\frac{1}{2}$
358 Thorn, Yorkshire	-	-	May	1
359 Tip, small hook	oak	-	June	1 $\frac{1}{2}$
360 Tap, nettle -	nettles	May 20	May 12	1 $\frac{1}{2}$
361 Tissue	oak, elm	-	June	

Usual haunts in the winged state	Upper side described	LINNEAN Names.
348 Lanes	White, having a triangular spot in the superior wing	
349 Lanes	Dark gray, having two bars of orange mixed with bl.	Pafelina 55
350 Woods		
351 Woods	Dark orange; white spot in corner of wing, with black lead lines near the body.	Gonostigma 57
352 Woods	Pale yellowish colour, with two feint bars cross the wing.	Pudibunda 54
353 Banks which face the rising sun	Superior black, large spots of a cream colour; Inferior yellow spotted with black.	Villica 41
354 Banks	Superior of a cream colour clouded with dark brown; inferior scarlet with round spots of black.	Caja 38
355 Banks	Superior wings red brown; inferior rose colour.	Fuliginosa 95
356 Charton in Kent	Superior wings green spotted with cream colour; inferior scarlet with black spots.	Dominula 90
357 Banks	Cream colour clouded with black, inferior wings yellow spotted with black.	Plantaginis 42
358	Pale orange, with bars of brown.	
359 Woods	Brown, having two dark bars.	
360 Banks	Gray, mottled with brown.	
361 Woods	Light brown, with feint markings, but very glossy.	

ENGLISH Names.	Food of the caterpillar	Change into the chrysalis	Appears in the winged state.	Expands Inches
362 Vein'd, blood	white thorn and oak	April	May	1
363 Vapourer, common	lime-tree	Aug. 13	<i>Female</i> Aug. 20	1 $\frac{1}{4}$
364 Vanear -	brambles	May	June	1
365 Vanear, purple	-	-	-	1
366 Vanear, rush	rushes	May	July	
367 Vanear, silver	grafs	April	May	
368 Vanear, striped	grafs	May	June	
369 Vanear, yellow	grafs	May	June	
370 Vein'd, black	white thorn,	-	June 18	1 $\frac{1}{2}$
371 Umber, waved	oak	-	April	2 $\frac{1}{4}$
372 Umber, mottled	oak	June 26	Nov. 5	2 $\frac{1}{4}$
373 Underwing, white	-	-	July	1
374 Underwing, large yellow	grafs roots	May	Aug.	2 $\frac{1}{4}$
375 Underwing, beautiful yellow	heath broom	cat. all winter	end of June	1

Haunts in the winged state	Upper side described	LINNEAN Names
362 Lanes and woods	Lightish gray, having an oblique red bar cross the wings.	
363 Lime trees -	Dark brown, with a white spot on the corner of the wing.	Antiqua 56
364 Woods and lanes		
365 - -		
366 Ponds -		
367 Gardens -		
368 Woods -		
369 Woods -	Wings yellow, striped with brown.	
370 Near woods -	White, all the tendons bl.	
371 Woods -	Yellow brown, with waved bars of dark brown.	
372 Woods -	Yellow, motled or freckled with dark brown.	
373 Lanes -		
374 Gardens -	Superior brown, a mark like a human ear in the middle; inferior yellow bordered with black.	Pronuba 121.
375 Belvidere wood near Earith	Superior wings red marbled with yellow,	

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
376 Underwing Aug. yellow.	grafs roots	July	Aug.	1 $\frac{1}{2}$
377 Underwing third yellow	grafs roots	May	June	1 $\frac{1}{4}$
378 Underwing, broad bordered yellow	grafs roots	May 15	June 26	2 $\frac{1}{4}$
379 Underwing, least yellow	grafs	April	May 15	$\frac{3}{4}$
380 Underwing, yellow companion,	meadows	July	Aug.	
381 Underwing, blossom	nettles	Sept.	Mar.	
382 Underwing, crimson	high oaks	May 26	July 2	3 $\frac{1}{2}$
383 Underwing, copper	fallow, oak	June 2	July 12	2 $\frac{1}{4}$
384 Underwing, copper, companion	-	-	-	1 $\frac{1}{2}$
385 Underwing, orange	poplar	Octob.	April 1	1 $\frac{1}{2}$
386 Underwing, orange companion	-	Octob.	April 1	
387 Underwing, pale white	-	-	July	
X 388 Underwing, pink	ragwort	Aug. 6	May 18	1 $\frac{1}{4}$
389 Underwing, red	willow	July 10	Aug. 2	3 $\frac{1}{4}$

Haunts in the winged state.	Upper side described	LINNEAN Names
376 Meadows -	Superior wings pale brown.	
377 Meadows -	Superior wings red brown.	
378 Meadows -	Broad black border on the inferior wings.	
379 Meadows -	Brown clouded with black and a black border very broad.	
380 Meadows -		
381 Lanes -	Superior wings brown, under wing pale purple.	
382 Burnt wood -	Superior brown, variegated with deep brown; inferior crimson, with two bl. bars.	Nupta 119
383 Woods -	Superior brown, inferior of a copper colour.	
384 -		
385 Woods, Hornsey	Superior wing brown, inferior orange with black spots.	
386 Woods -		
387 Woods -		
388 Commons -	Superior foot colour, with one streak and two spots of red; inferior wings pink. <i>edged with black</i>	Jacobææ 117
389 Willow bark -	Superior gray, dappled with brown; inferior red with two black bars.	Pacta 120

ENGLISH Names.	Food of the caterpillar	Change into chrysalis	Appears in the winged state	Expands Inches
390 Underwing, straw colour'd	-	-	May	
391 Upperwing, orange	oak	June 15	July 29	$1\frac{1}{2}$
392 Usher, spring	oak	May 16	Feb. 28	$1\frac{3}{4}$
393 Wing, black marked narrow wing	-	-	-	$1\frac{1}{4}$
394 Weeper	-	-	-	
395 Wainscott	great sword grafs	May & June	Aug.	$1\frac{1}{4}$
396 Wing, march clofe	oak	Sep.	Mar. 9	$\frac{3}{4}$
397 Waved beautiful	-	-	July 6	
398 Waved hornfey	-	-	Mar. 4	$1\frac{1}{2}$
399 Wing, grafs clofe	grafs	May	Jnne	$1\frac{1}{4}$
400 Woolen, moth	woolen	April	May	
401 Waved, pale	white thorn	May 1	May 17	$1\frac{1}{4}$
402 Way, milkey	-	-	July 8	
403 Wing, scorched	white thorn	May 27	June 16	$1\frac{5}{8}$

Haunts in the winged state.	Upper side described	LINNEAN Names.
390 -		
391 Woods -	Superior orange, inferior pale buff.	
392 Woods -	Pale brown clouded with dark brown.	
393 -		
394 -		
395 Marshes -	Wainscott colour.	
396 Woods -	Superior wing half black, and the other half white.	
397 -		
398 Hornsey lane -	Whitish, prettily waved with brown.	
399 Meadows -	Pale brown, having some angular marks at the tips.	Culmella 361
400 -		Sarcitella 373
401 Hedges in lanes -	White, having some feint grayish bars.	Lactearia 194
402 Lanes -		
403 Lanes -	Yellow buff, dashed with brown, the edges of the wings as if scorched.	



## ENGLISH Names.

		Food of the caterpillar	Change into chrysalis	Appears in the winged state.	Expands Inches
404	Wing, scorched like	-	-	-	$1\frac{1}{2}$
405	Wing, crofs -	elm	Ap. 30	May 14	$1\frac{1}{4}$
406	Wing, wayed crofs	-	-	Mar. 19	$1\frac{1}{2}$
407	Waved white -	white thorn	May	June	1
408	Y moth	nettles	-	Sep.	$1\frac{3}{4}$
X 409	Y golden -	-	-	June	$1\frac{3}{4}$
410	Y scarce filver	-	-	-	$1\frac{3}{4}$
411	White, double spotted	-	-	June	1
412	Yellow, small clouded	broom	May 26	June 26	1
413	Yellow, speckled	-	-	May 12	$1\frac{1}{4}$
X 414	Yellow, or brimstone	white thorn	Sep.	May 23	$1\frac{3}{4}$
415	Yellow, frosted	elms	Sep. July	May 7 Aug 12	$1\frac{1}{4}$

Hapnts in the winged state

Upper side described

LINNEAN Names;

404 Lanes near woods

Similar to the above, but  
not so strongly marked.

405 -

Buff colour, having a dia-  
gonal line from the tip,  
and a dark spot in the  
middle of the wing.

406 Against pales -

407 Hedges -

Whitish, with two brown-  
ish bars crossing each wing

408 Grass in meadows

Brown, having a mark in  
the middle of the wing  
like the letter Y.Interrogatio-  
nis 129

409 -

Red brown, having a gol-  
den Y in the middle of  
the wing.

Gamma 127

410 Yorkshire "

Purple, having the same  
mark in the middle as a-  
bove.

411 =

Brown, having two white  
spots on the edge of the  
wing.

412 Commons -

Strong yellow, having a  
broad brown bar cross the  
wing.

413 Woods -

Yellow, full of black spots.

414 Lanes -

Yellow, with red triangular  
spots, and a white spot in  
the middle.Cratægata  
243

415 Hedges -

Yellow, having a broad  
black border, freckled on  
under side.

A N  
I N D E X  
TO THE  
TRIVIAL NAMES of LINNÆUS of  
the LEPIDOPTERA :

REFERRING TO THE ENGLISH CATALOGUE.

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